State Profile Report
11.24.2022

Tennessee

State Synopsis

	Last Week	Change from Previous Week
New COVID-19 Cases per 100,000	**101**	**+5%**
Nucleic Acid Amplification Test (NAAT) positivity rate	**9.2%**	**-0.3%**
New Confirmed COVID-19 Hospital Admissions per 100,000	**4.3**	**-17%**
New COVID-19 Deaths per 100,000	**1.1**	**+108%**

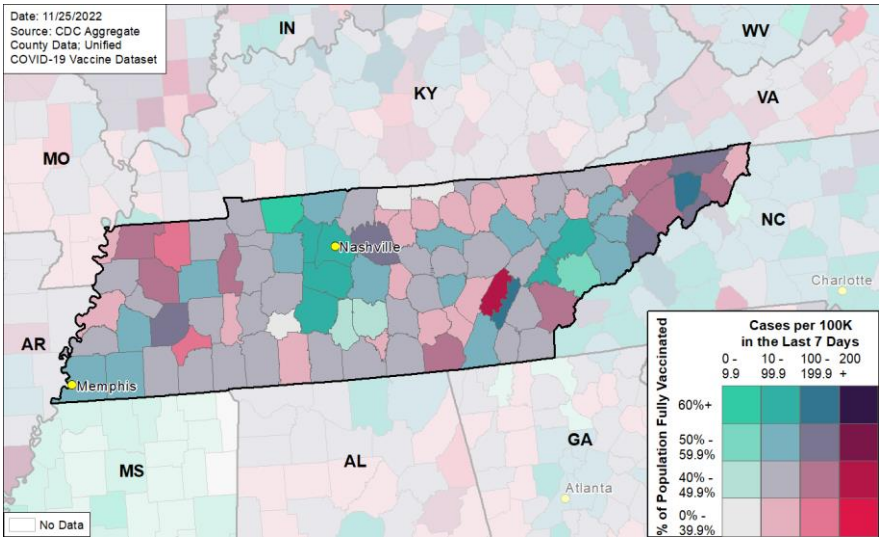
COVID-19 Vaccinations

Total fully vaccinated	**3,826,495 people**	**56.0% of total pop.**
<5 years with at least one dose	**16,591 people**	**4.1% of <5 pop.**
5+ years fully vaccinated	**3,819,444 people**	**59.5% of 5+ pop.**
12+ years received booster	**1,801,645 people**	**48.5% of 12+ fully vaccinated pop.**
65+ years received booster	**709,690 people**	**71.8% of 65+ fully vaccinated pop.**

SARS-CoV-2 Variants of Concern

- In the 4 weeks ending 10/29/2022, the following proportions of variants of concern were identified in Tennessee: Omicron: BA.4, 0.7%; BA.4.6, 8.8%; BA.5, 73.0%; BA.5.2.6, 2.2%; BF.7, 3.6%; BF.11, 2.9%; BQ.1, 5.1%; BQ.1.1, 2.2%; BN.1, 1.5%

COVID-19 Reported Cases per 100,000 Population (last 7 days) and Percent of Total Population Fully Vaccinated



The purpose of this report is to develop a shared understanding of the current status of the pandemic at the national, regional, state, and local levels. We recognize that data at the state level may differ from that available at the federal level. Our objective is to use consistent data sources and methods that allow for comparisons to be made across localities. We appreciate your continued support in identifying data discrepancies and improving data completeness and sharing across systems. We look forward to your feedback. All inquiries and requests for information should be directed to https://wwwn.cdc.gov/dcs/ContactUs/Form.

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	State	State, % change from previous week	FEMA/HHS Region	United States
New COVID-19 Cases (rate per 100,000)	6,887 (101)	+5%	38,253 (57)	313,941 (95)
Nucleic Acid Amplification Test (NAAT) Positivity Rate	9.2%	-0.3%*	7.2%	8.8%
Total NAAT Volume † (tests per 100,000)	28,502 (417)	-12%	401,594 (600)	2,305,291 (694)
New COVID-19 Deaths (rate per 100,000)	75 (1.1)	+108%	475 (0.7)	2,656 (0.8)
Confirmed new COVID-19 Hospital Admissions (rate per 100,000)	297 (4.3)	-17%	3,313 (5.0)	24,811 (7.5)
COVID-19 Inpatient Occupancy	2%	0%*	2%	3%
Hospitals With Supply Shortages (%)	9 (8%)	0%	33 (3%)	253 (5%)

COVID-19 Vaccinations

<5 years first dose (% of population)	285 (0.07%)	-41.1%	2,890 (0.07%)	31,452 (0.16%)
<5 years fully vaccinated (% of population)	250 (0.06%)	-28.8%	2,390 (0.06%)	28,197 (0.14%)
5+ years first dose (% of population)	2,776 (0.04%)	-21.1%	53,996 (0.09%)	296,313 (0.09%)
5+ years fully vaccinated (% of population)	2,055 (0.03%)	-22.2%	39,532 (0.06%)	206,778 (0.07%)
12+ years booster dose	3,869	-25.2%	46,498	319,419
12+ years 2nd booster dose	13,963	-28.8%	117,484	1,084,888
65+ years booster dose	1,232	-17.9%	19,331	93,246
65+ years 2nd booster dose	6,005	-23.2%	55,673	363,932

* Indicates absolute change in percentage points.
† Due to delayed reporting, this figure may underestimate total diagnostic tests and week-on-week changes in diagnostic tests.

DATA SOURCES

Note: Some dates may have incomplete data due to delays in reporting. Data may be backfilled over time, resulting in week-to-week changes.
Cases and Deaths: COVID-19 case and death metrics at the state level are generated using a dataset managed by the CDC which is compiled from state and local health departments; this dataset is updated weekly. State values are aggregated from counties. Historical reports of cases and deaths exceeding 1% of the total new cases or deaths reported in the US that day have been excluded. Data are through 11/23/2022; previous week is from 11/10 to 11/16.
Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data. The term Nucleic Acid Amplification Test (NAAT) includes RT-PCR and other testing methods. Test positivity through 11/21/2022; previous week is from 11/8 to 11/14. Test volume through 11/17/2022; previous week is from 11/4 to 11/10.
Admissions: Unified Hospitals Dataset in HHS Protect. Data are through 11/22, previous week is from 11/9 to 11/15.
Shortages: Unified Hospitals Dataset in HHS Protect. Values presented show the latest reports from hospitals in the week ending 11/16/2022 for supplies.
Vaccinations: CDC COVID Data Tracker. Data include the Moderna, Pfizer BioNTech, J&J/Janssen, and Novavax COVID-19 vaccines. Data last updated 04:00 EST on 11/23/2022. People initiating vaccination include those who have received the first dose of the Moderna, Pfizer-BioNTech, or Novavax vaccine as well as those who have received one dose of the J&J/Janssen vaccine. Population denominators reflect the subset of the population of the corresponding age range.
METHODS: Details available on last two pages of report.

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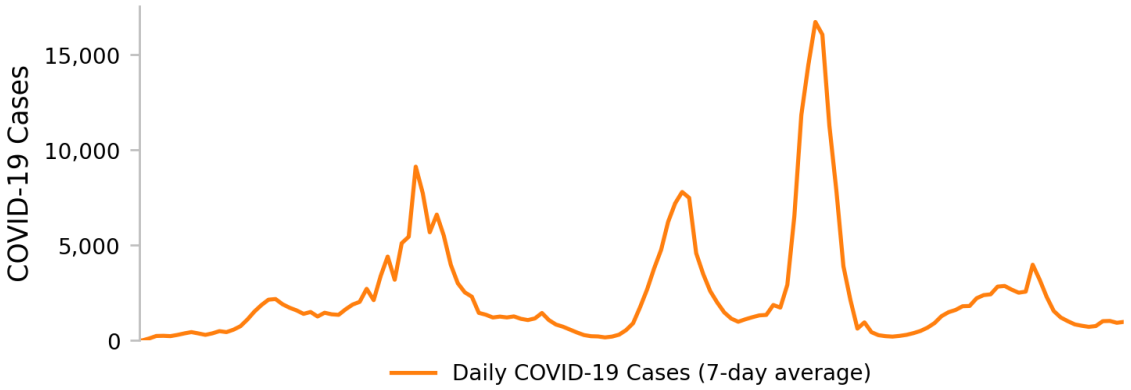
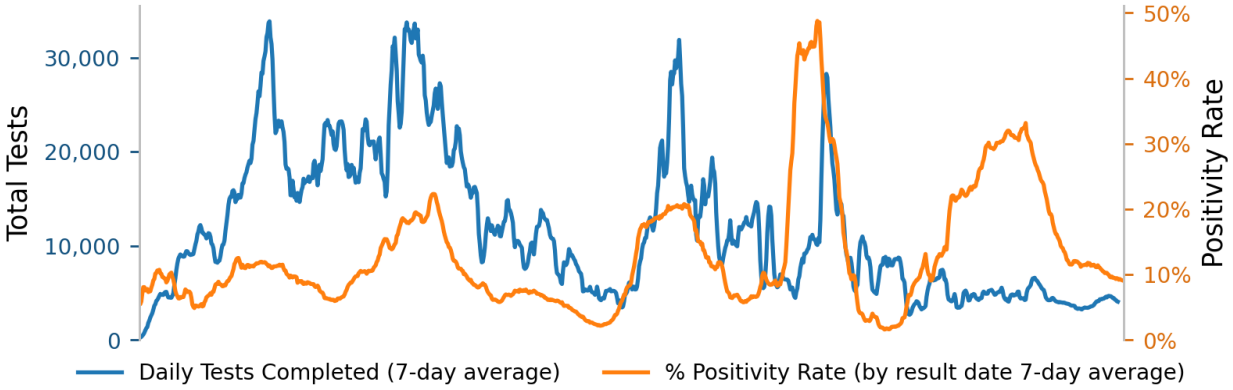
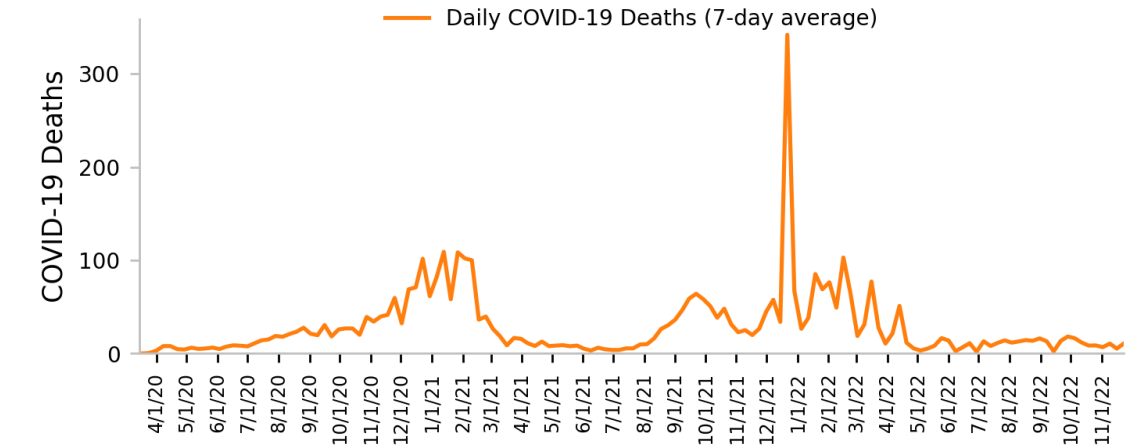
New Cases



Testing



New Deaths



DATA SOURCES

As of November 17, 2022, daily cases and deaths have been removed from these plots in alignment with changes in data reporting by CDC.

Note: Some dates may have incomplete data due to delays in reporting. Data may be backfilled over time, resulting in week-to-week changes. All three trends share the same horizontal axis shown on the bottom figure.

Cases and Deaths: COVID-19 case and death metrics at the state level are generated using a dataset managed by the CDC which is compiled from state and local health departments; this dataset is updated weekly. State values are aggregated from counties. Historical cases and deaths exceeding 1% of the total new cases or deaths reported in the US that day have been excluded. Data are through 11/23/2022.

Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data. Test positivity through 11/21/2022. Test volume through 11/17/2022.

METHODS: Details available on last two pages of report.

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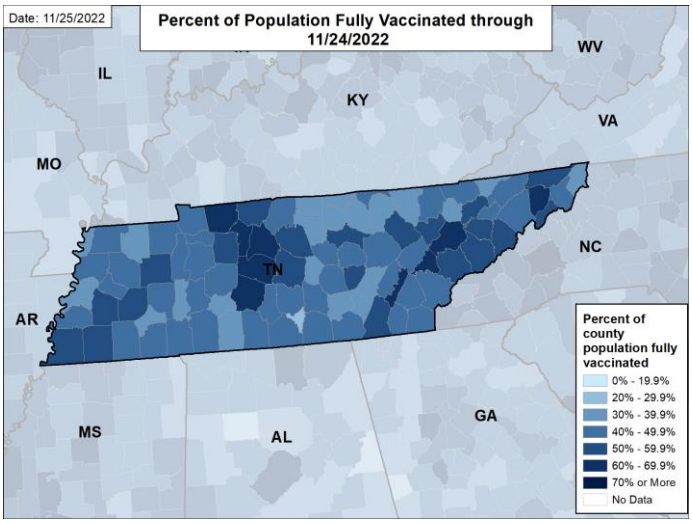
State Vaccination Summary

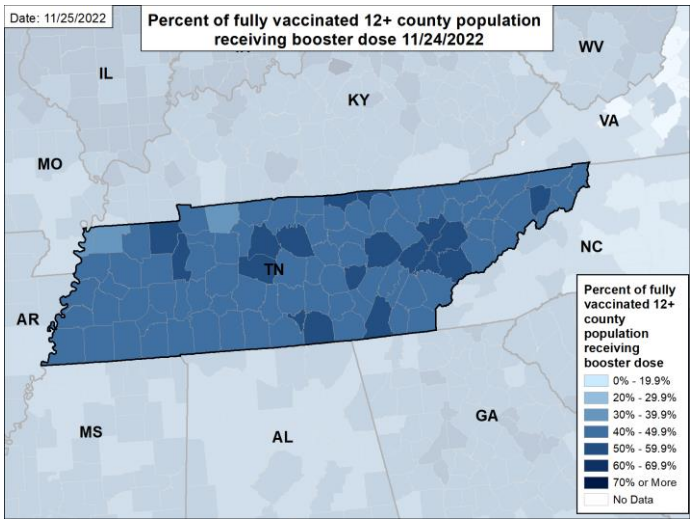
Doses Delivered	16,190,970 237,085 per 100k	**Doses Administered**	11,058,653 161,933 per 100k

Age Group	At Least One Dose	Fully Vaccinated	Booster Dose†	Second Booster Dose‡
Total	4,377,005 (64.1%)	3,826,495 (56.0%)	1,818,929 (47.5%)	631,552 (34.7%)
<5 years	16,591 (4.1%)	6,686 (1.6%)	N/A	N/A
5-11 years	123,583 (21.1%)	102,776 (17.6%)	17,049 (16.6%)	N/A
12-17 years	243,491 (47.1%)	207,740 (40.2%)	50,748 (24.4%)	6,465 (12.7%)
18+ years	3,991,834 (75.0%)	3,508,928 (66.0%)	1,750,897 (49.9%)	623,545 (35.6%)
65+ years	1,076,647 (94.2%)	988,163 (86.4%)	709,690 (71.8%)	360,390 (50.8%)

Percent of Population Fully Vaccinated



Percent of Fully Vaccinated 12+ Population with a Booster Dose



DATA SOURCES

County reporting completeness for Tennessee is 97.8%.

†Booster dose percentages are a proportion of the respective population that is fully vaccinated.

‡Second Booster dose percentages are a proportion of the respective population that has one booster.

Vaccinations: CDC COVID Data Tracker. Data includes the Moderna, Pfizer BioNTech, J&J/Janssen, and Novavax COVID-19 vaccines. Data last updated 04:00 EST on 11/23/2022. Persons who are fully vaccinated include those who have received both doses of the Moderna, Pfizer-BioNTech, or Novavax vaccine as well as those who have received one dose of the J&J/Janssen vaccine.

METHODS: Details available on last two pages of report.

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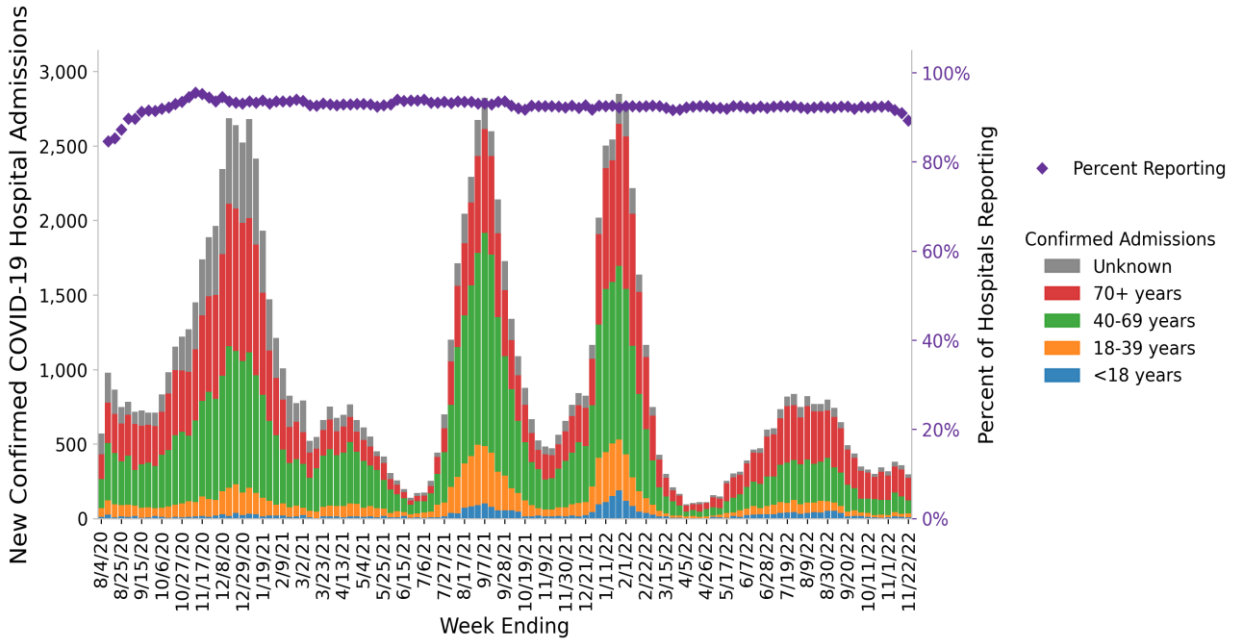
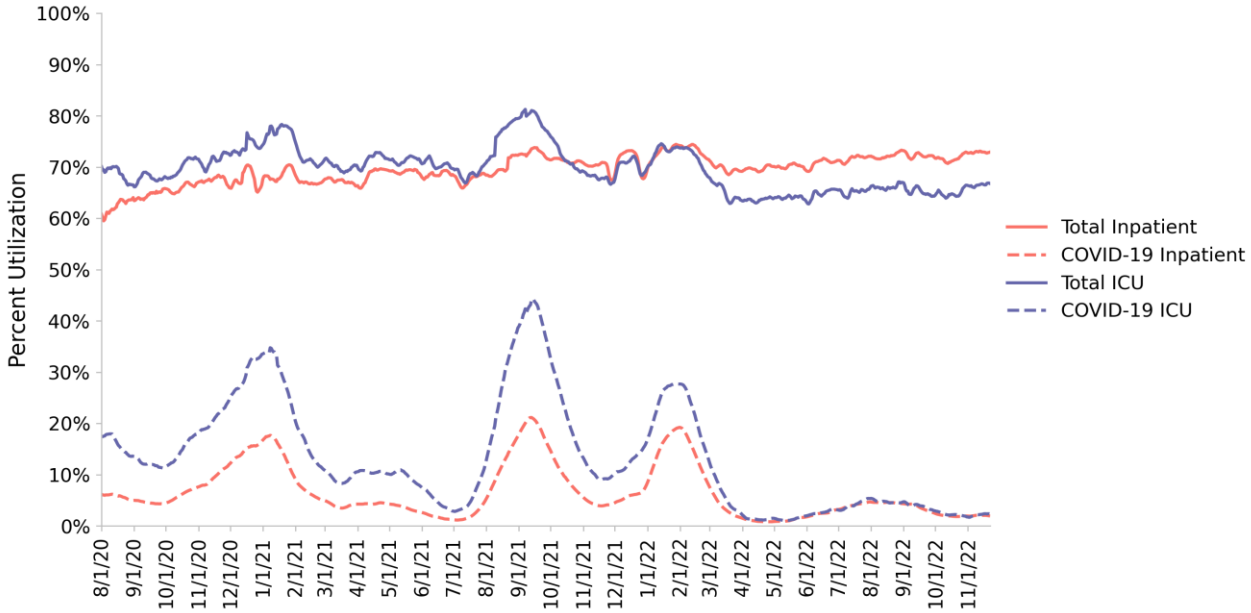
118 hospitals are expected to report in Tennessee

Hospital Admissions



Hospital Utilization



DATA SOURCES

Hospitalizations: Unified Hospitals Dataset in HHS Protect. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals. Hospitals explicitly identified by states/regions as those from which we should not expect reports were excluded from the percent reporting figure. Inpatient and ICU utilization is shown as a weekly rate; the weekly average of beds occupied is divided by the weekly average of total beds available. Data are through 11/22/2022.

METHODS: Details available on last two pages of report.

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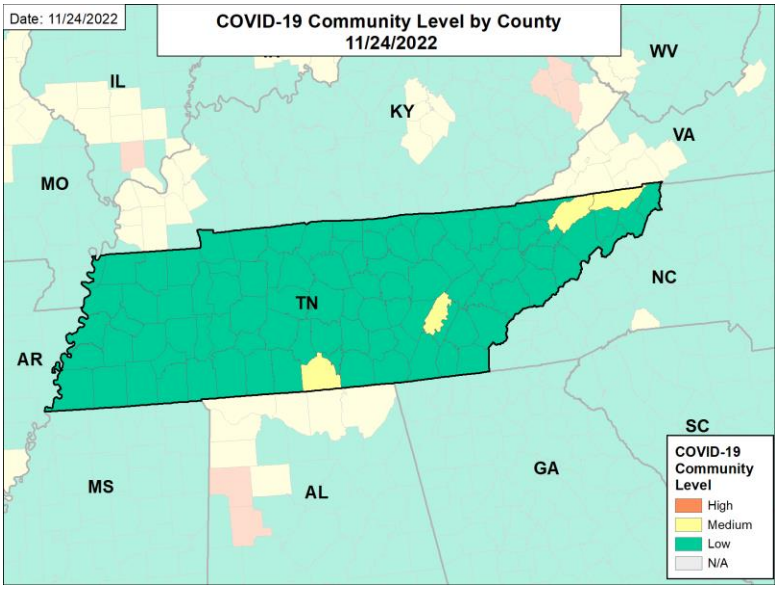
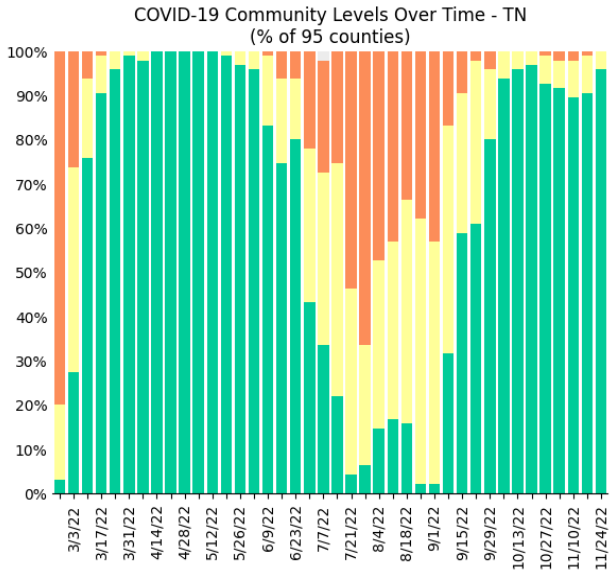
COVID-19 Community Level by county





Counties by COVID-19 Community Level

Category	Low	Medium	High
# of Counties (change)	91 (↑5)	4 (↓4)	0 (↓1)

Low Counties: Anderson, Bedford, Benton, Bledsoe, Blount, Bradley, Campbell, Cannon, Carroll, Carter, Cheatham, Chester, Claiborne, Clay, Cocke, Coffee, Crockett, Cumberland, Davidson, DeKalb, Decatur, Dickson, Dyer, Fayette, Fentress, Franklin, Gibson, Giles, Grainger, Greene, Grundy, Hamblen, Hamilton, Hancock, Hardeman, Hardin, Haywood, Henderson, Henry, Hickman, Houston, Humphreys, Jackson, Jefferson, Johnson, Knox, Lake, Lauderdale, Lawrence, Lewis, Loudon, Macon, Madison, Marion, Marshall, Maury, McMinn, McNairy, Meigs, Monroe, Montgomery, Moore, Morgan, Obion, Overton, Perry, Pickett, Polk, Putnam, Roane, Robertson, Rutherford, Scott, Sequatchie, Sevier, Shelby, Smith, Stewart, Sumner, Tipton, Trousdale, Unicoi, Union, Van Buren, Warren, Washington, Wayne, Weakley, White, Williamson, Wilson
Medium Counties: Hawkins, Lincoln, Rhea, Sullivan

DATA SOURCES
Maps and figures reflect 7-day average of data from 11/17-11/23 (cases), 11/16-11/22 (hospital data). Metro areas and counties are listed in alphabetical order.
Note: Most recent days may have incomplete reporting.
Cases: COVID-19 case metrics at the state and County level are generated using a dataset managed by the CDC which is compiled from state and local health departments; this dataset is updated weekly. Data are through 11/23/2022.
Admissions: Unified Hospitals Dataset in HHS Protect. Data are through 11/22/2022.
COVID-19 Community Levels: COVID-19 Community Level is determined by the higher of the new admissions and inpatient bed metrics, based on the current level of new cases per 100,000 population in the past 7 days. See CDC Community Levels. A county is N/A if hospital data is not available. County data is mapped from Health Service Areas, defined as a single county or cluster of counties that are generally self-contained with respect to hospital care. Previous week levels are computed based on current data.
METHODS: Details available on last two pages of report.

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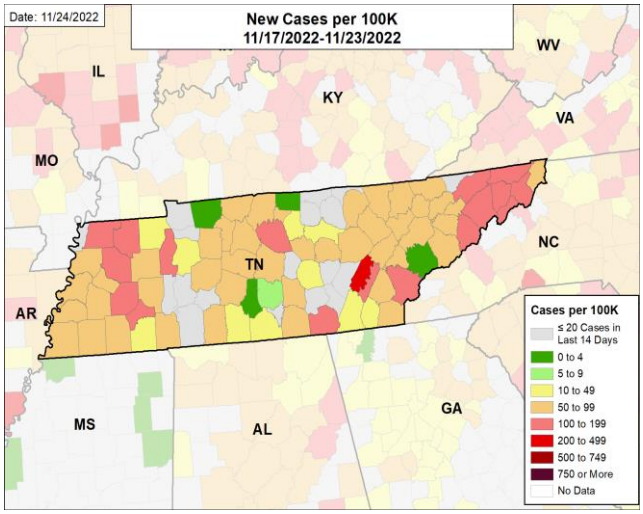
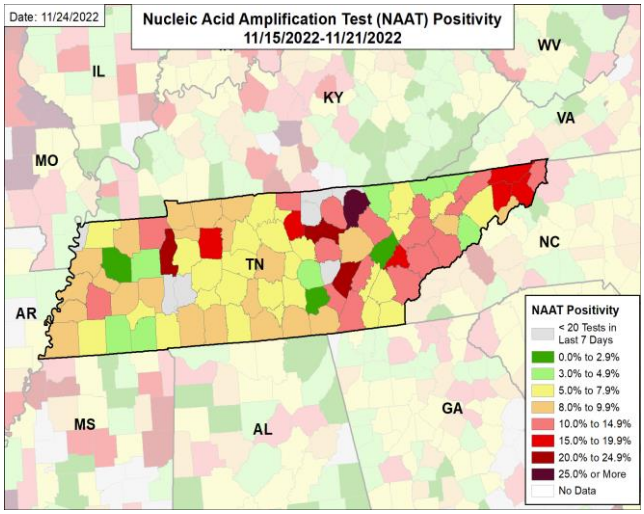
Case Rates, NAAT Positivity, Hospital Admissions, and Death Rates

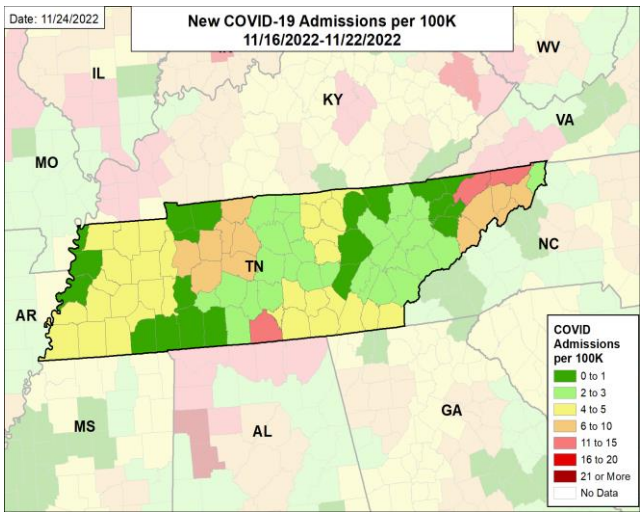
New Cases per 100,000



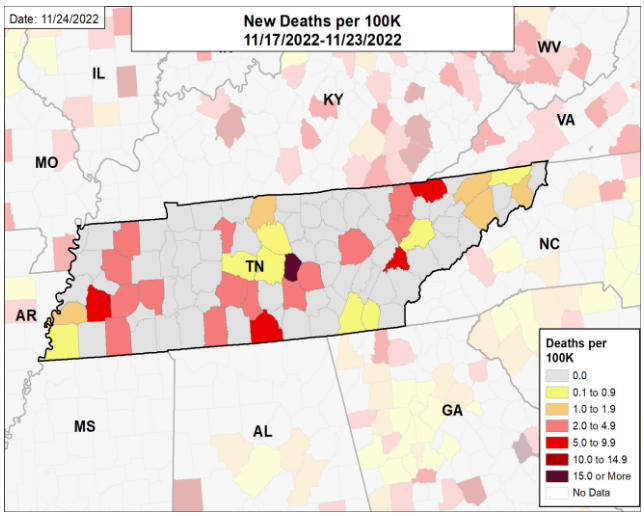
Nucleic Acid Amplification Test (NAAT) Positivity



Confirmed new COVID-19 Admissions per 100,000



New Deaths per 100,000



DATA SOURCES

Note: Some dates may have incomplete data due to delays in reporting. Data may be backfilled over time, resulting in week-to-week changes.

Cases and Deaths: COVID-19 case and death metrics at the County level are generated using a dataset managed by the CDC which is compiled from state and local health departments; this dataset is updated weekly. Data are through 11/23/2022.

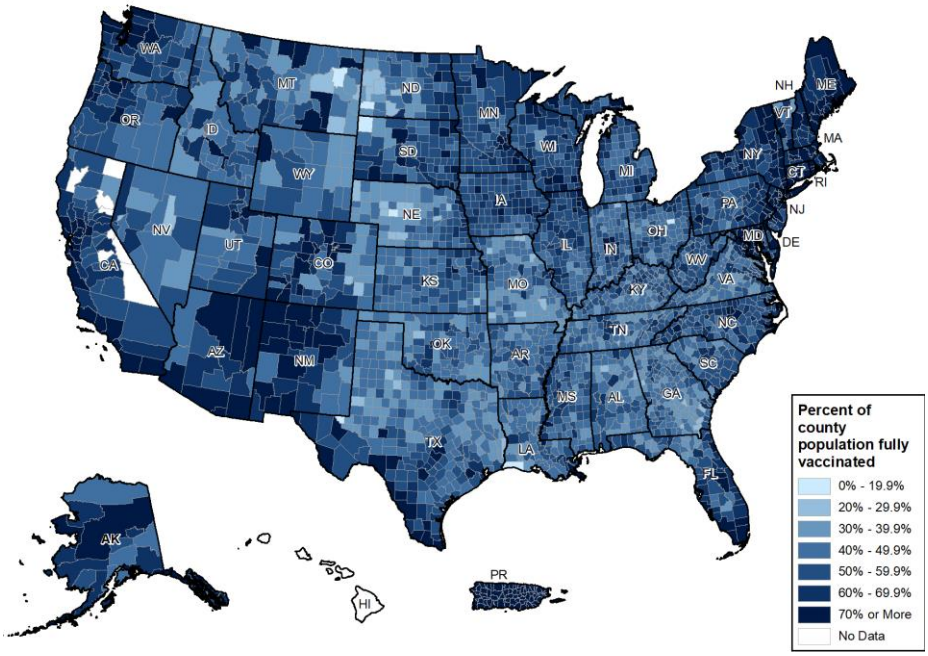
Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data. The term Nucleic Acid Amplification Test (NAAT) includes RT-PCR and other testing methods. Data are through 11/21/2022.

Hospitalizations: Unified Hospitals Dataset in HHS Protect. Totals include only confirmed COVID-19 admissions. County data is mapped from Health Service Areas, defined as a single county or cluster of counties that are generally self contained with respect to hospital care. Hospitals are assigned to an HSA based on county of location. In some cases, reports are aggregates of multiple facilities that cross HSA boundaries; in these cases, values are assigned based on the county for the aggregate. Data are through 11/22/2022.

METHODS: Details available on last two pages of report.

National Picture: Vaccinations

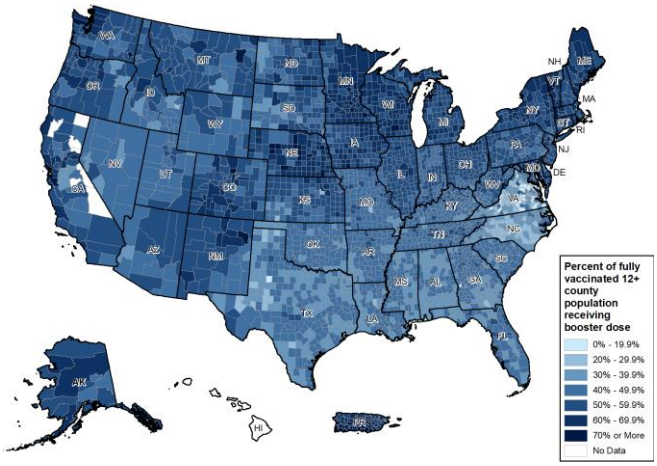
Percent of Population Fully Vaccinated



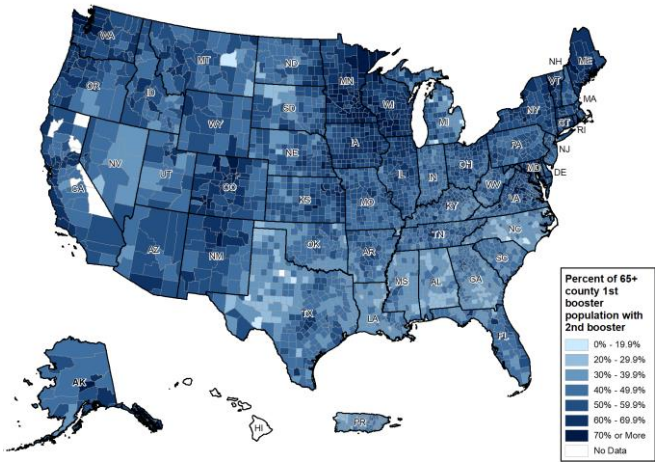
National Ranking of Population Fully Vaccinated

National Rank	State	National Rank	State
1	RI	27	NE
2	PR	28	AZ
3	VT	29	SD
4	DC	30	AK
5	MA	31	KS
6	ME	32	IA
7	CT	33	NV
8	HI	34	TX
9	NY	35	MI
10	MD	36	OH
11	NJ	37	OK
12	VA	38	SC
13	WA	39	WV
14	CA	40	KY
15	NM	41	MT
16	CO	42	MO
17	PA	43	ND
18	DE	44	IN
19	OR	45	GA
20	MN	46	AR
21	IL	47	ID
22	NH	48	TN
23	FL	49	LA
24	WI	50	MS
25	UT	51	WY
26	NC	52	AL

Percent of Fully Vaccinated 12+ Population with a Booster



Percent of 1st Booster 65+ Population with a 2nd Booster



DATA SOURCES

Vaccinations: CDC COVID Data Tracker. Data includes the Moderna, Pfizer BioNTech, J&J/Janssen, and Novavax COVID-19 vaccines. Data last updated 04:00 EST on 11/23/2022. Persons who are fully vaccinated include those who have received both doses of the Moderna, Pfizer-BioNTech, or Novavax vaccine as well as those who have received one dose of the J&J/Janssen vaccine. The following states have ≤80% completeness reporting vaccinations by county, which may result in underestimates of vaccination data for counties: VA (78%), GU (76%), VT (74%), and HI (0%).

METHODS: Details available on last two pages of report.

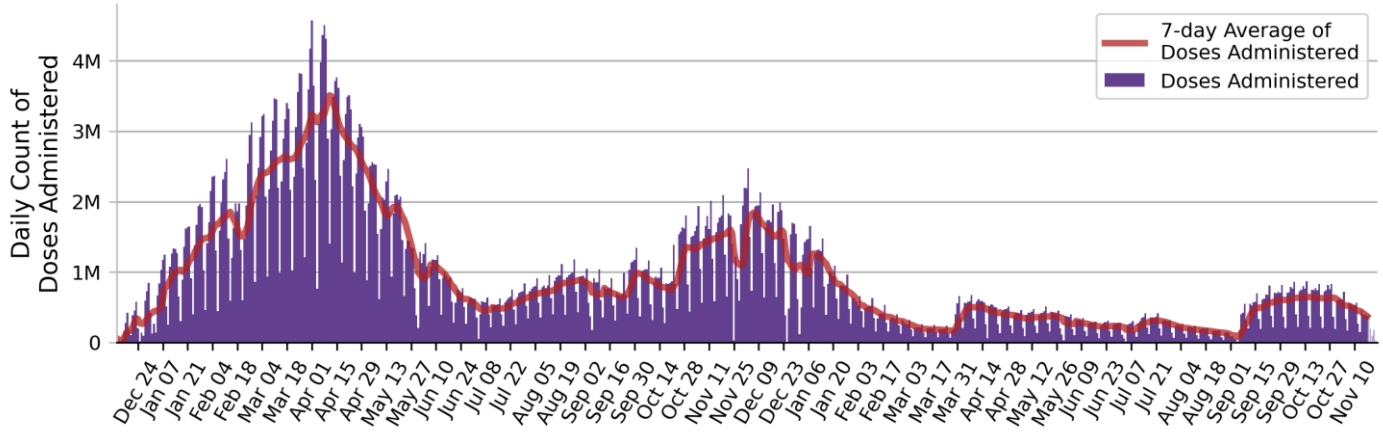
National Picture: Vaccinations

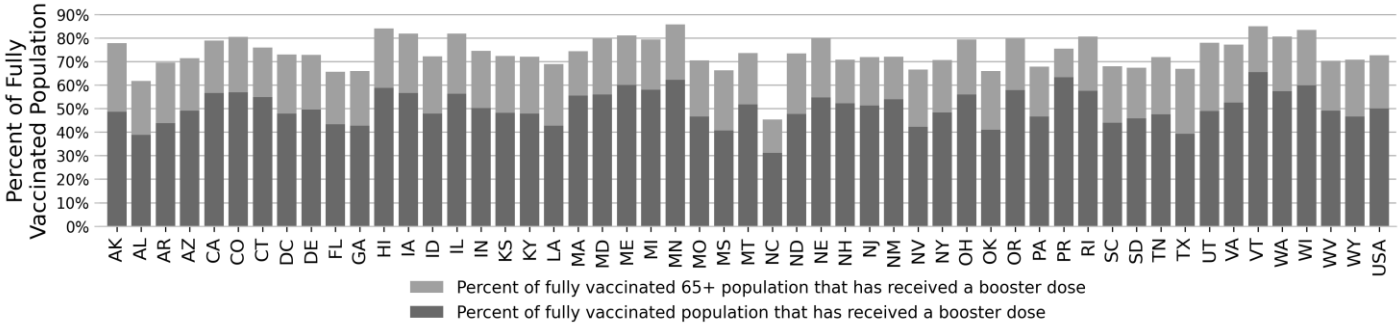
National COVID-19 Vaccine Summary as of 11/23

Doses Delivered	918,653,695 276,696 per 100k	**Doses Administered**	653,502,647 196,833 per 100k

Age Group	At Least One Dose	Fully Vaccinated	Booster Dose†	2nd Booster Dose‡
Total	267,804,921 (80.7%)	228,390,445 (68.8%)	114,231,013 (50.0%)	40,053,832 (35.1%)
<5 years	1,584,818 (8.0%)	739,882 (3.7%)	N/A	N/A
5-11 years	11,258,021 (39.2%)	9,216,473 (32.1%)	1,793,264 (19.5%)	N/A
12-17 years	18,116,599 (71.6%)	15,499,664 (61.3%)	4,844,527 (31.3%)	687,183 (14.2%)
18+ years	236,659,684 (91.7%)	202,840,227 (78.6%)	107,586,393 (53.0%)	39,169,611 (36.4%)
65+ years	58,572,994 (95.0%)	51,406,656 (93.8%)	37,317,997 (72.6%)	20,421,140 (54.7%)

Daily National Count of Vaccine Doses Administered by Date of Administration





DATA SOURCES

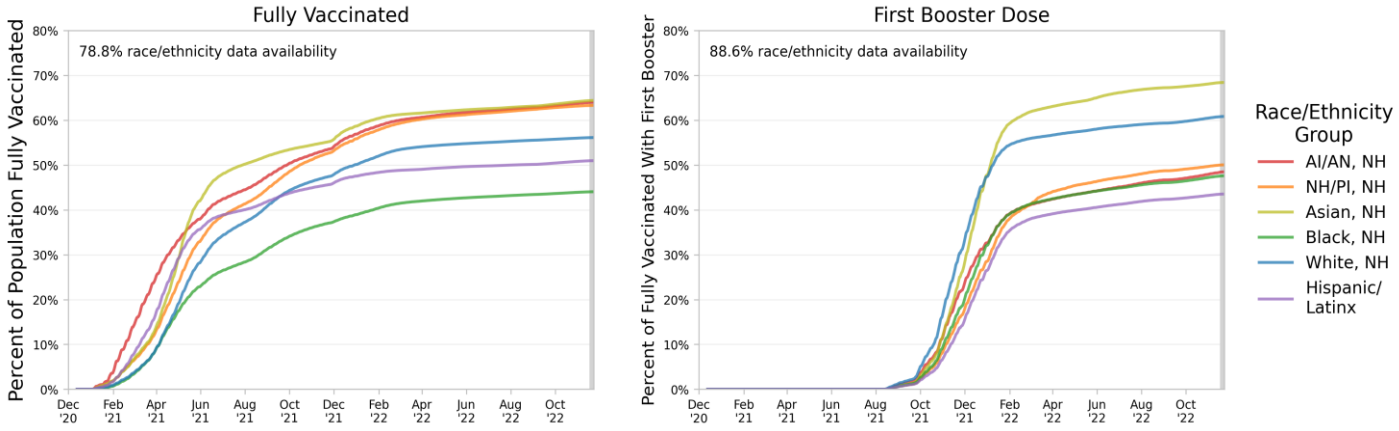
†Booster dose percentages are a proportion of the respective population that is fully vaccinated. ‡Second Booster dose percentages are a proportion of the respective population that has one booster.

Vaccinations: CDC COVID Data Tracker. Data includes the Moderna, Pfizer BioNTech, J&J/Janssen, and Novavax COVID-19 vaccines. Data last updated 04:00 EST on 11/23/2022. Persons who are fully vaccinated include those who have received both doses of the Moderna, Pfizer-BioNTech, or Novavax vaccine as well as those who have received one dose of the J&J/Janssen vaccine. The count of people who received a booster dose includes anyone who is fully vaccinated and has received another dose of COVID-19 vaccine since August 13, 2021. This includes people who received booster doses and people who received additional doses. Due to delays in reporting, data on doses administered in recent days (as reflected by lighter purple coloring in the Daily National Count figure) may be an underestimate of the actual value.

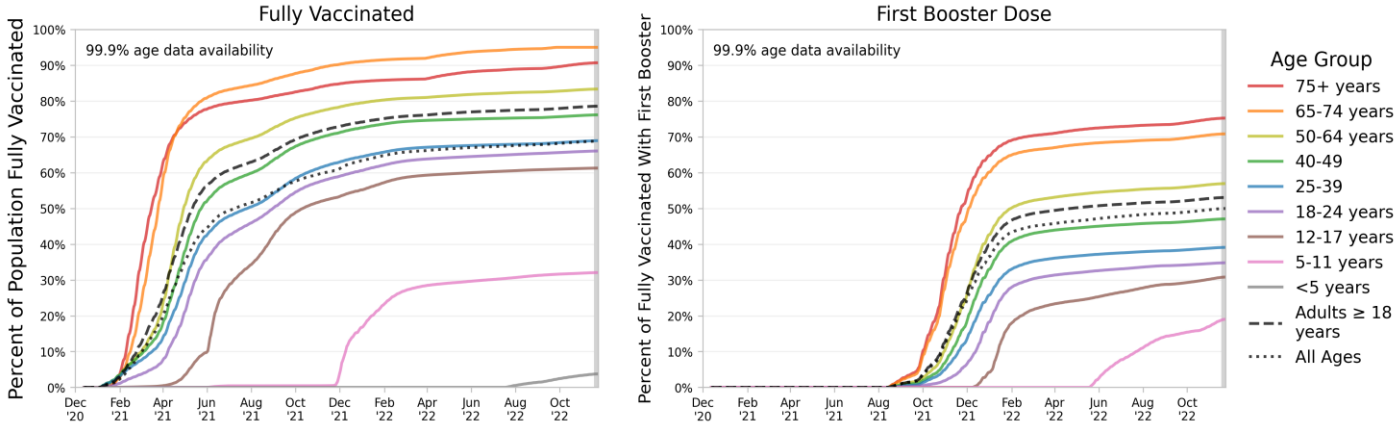
METHODS: Details available on last two pages of report.

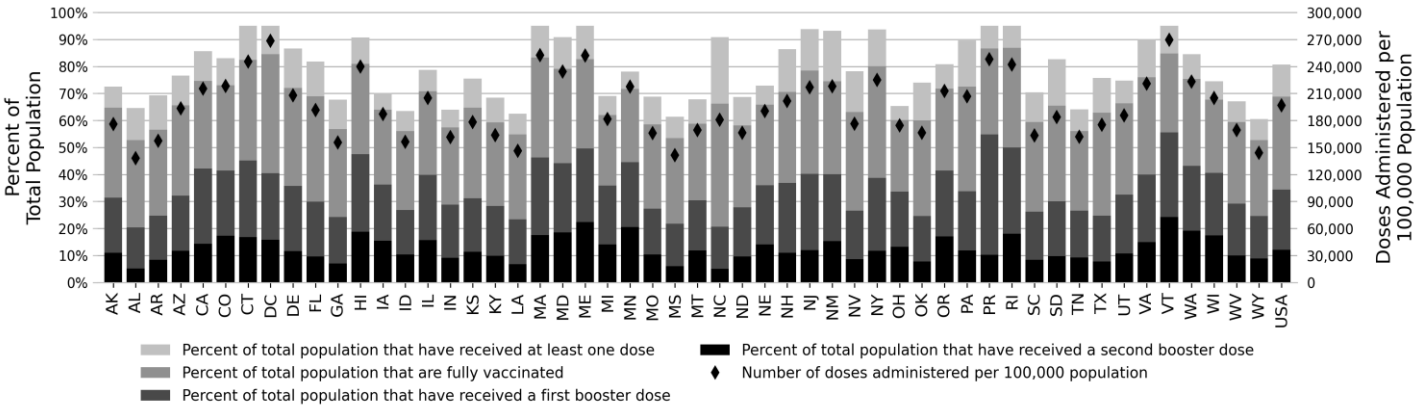
National Picture: Vaccinations

National Summary of Vaccinations by Race/Ethnicity



National Summary of Vaccinations by Age





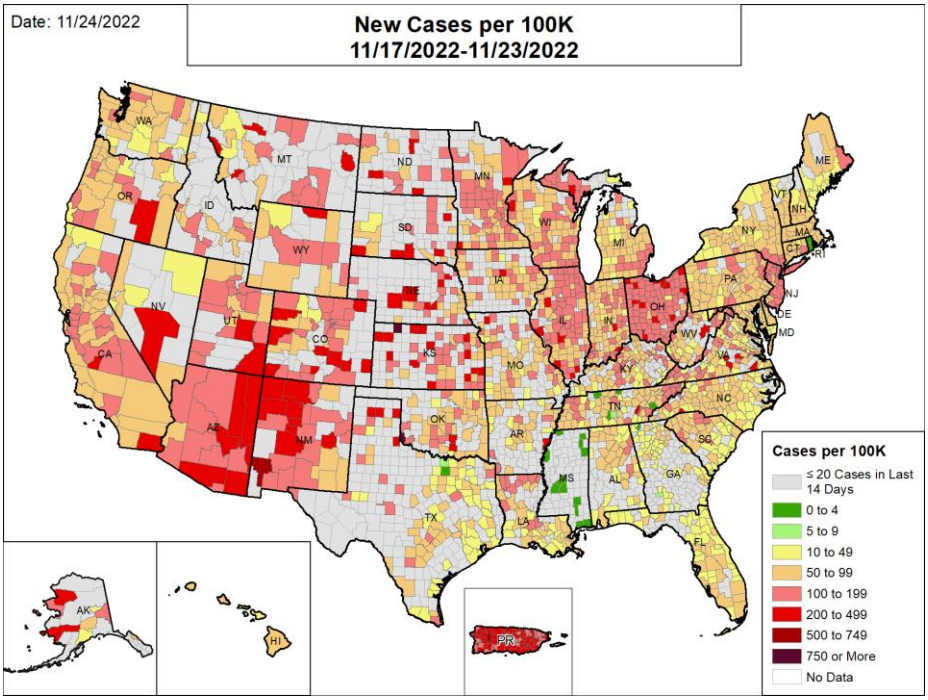
DATA SOURCES

Vaccinations: CDC COVID Data Tracker. Data includes the Moderna, Pfizer BioNTech, J&J/Janssen, and Novavax COVID-19 vaccines. Data last updated 04:00 EST on 11/23/2022. Persons who are fully vaccinated include those who have received both doses of the Moderna, Pfizer-BioNTech, or Novavax vaccine as well as those who have received one dose of the J&J/Janssen vaccine. The count of people who received a booster dose includes anyone who is fully vaccinated and has received another dose of COVID-19 vaccine since August 13, 2021. This includes people who received booster doses and people who received additional doses. Race/Ethnicity data were available for 75.4% receiving at least one dose and 78.8% fully vaccinated. Age data were available for 100.0% receiving at least one dose and 100.0% fully vaccinated. Texas does not report demographic-specific dose number information to CDC, so data for Texas are not represented in demographic trends figures. "NH" stands for Non-Hispanic/Latinx, "AI/AN" stands for American Indian or Alaska Native, and "NH/PI" stands for Native Hawaiian or Pacific Islander.

METHODS: Details available on last two pages of report.

National Picture: Cases

New Cases per 100,000

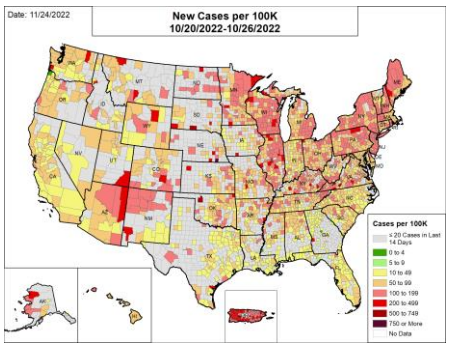


National Ranking of New Cases per 100,000

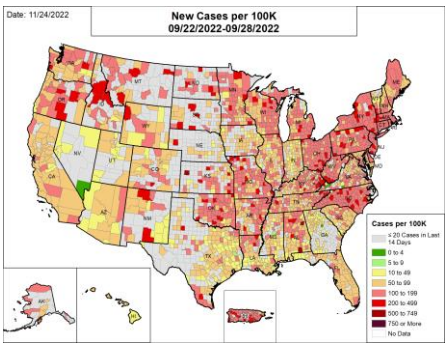
National Rank	State	National Rank	State
1	MS	27	OK
2	RI	28	OR
3	GA	29	MO
4	ME	30	IN
5	VT	31	MI
6	TX	32	MT
7	FL	33	CT
8	AR	34	SD
9	AL	35	KS
10	AK	36	TN
11	NC	37	WY
12	SC	38	WI
13	NH	39	CA
14	LA	40	NE
15	MD	41	ND
16	WA	42	MN
17	NV	43	IL
18	VA	44	UT
19	IA	45	NJ
20	DE	46	CO
21	WV	47	NY
22	MA	48	OH
23	PA	49	AZ
24	KY	50	NM
25	ID	51	PR
26	DC	52	HI

New Cases per 100,000 in the Week:

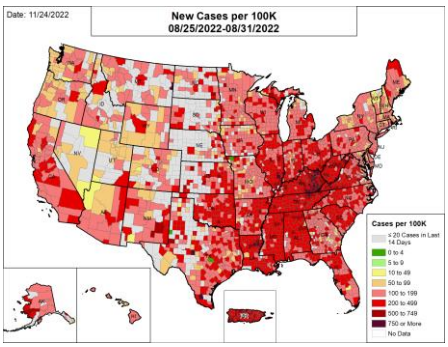
One Month Before



Two Months Before



Three Months Before

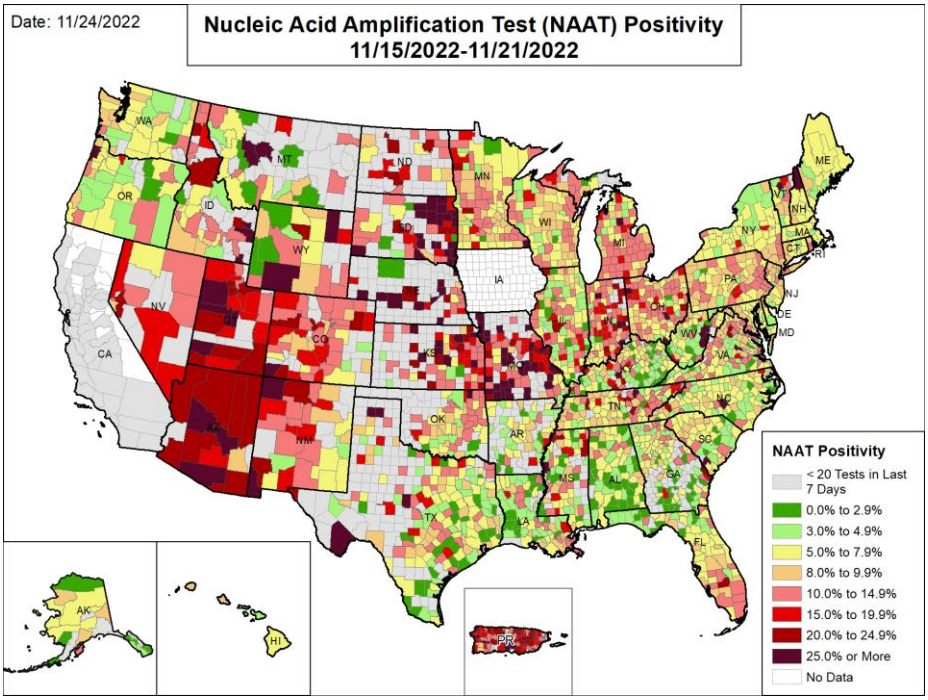


DATA SOURCES

Note: Some dates may have incomplete data due to delays in reporting. Data may be backfilled over time, resulting in week-to-week changes.
Cases: COVID-19 case metrics at the county level are generated using a dataset managed by the CDC which is compiled from state and local health departments; this dataset is updated weekly. State values are aggregated from counties. The week one month before is from 10/20 to 10/26; the week two months before is from 9/22 to 9/28; the week three months before is from 8/25 to 8/31. Due to a reporting cadence change, Ohio's reported cases in the last week may be an overestimate. Due to reporting delays, Mississippi and Rhode Island did not report cases in the last week.
METHODS: Details available on last two pages of report.

National Picture: NAAT Positivity

Nucleic Acid Amplification Test (NAAT) Positivity

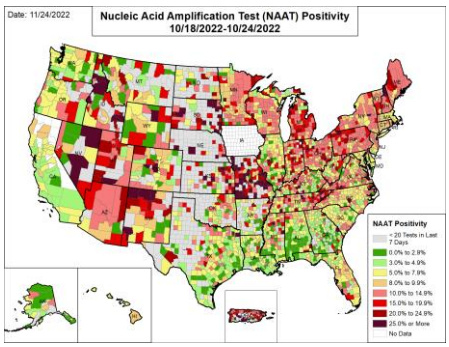


National Ranking of NAAT Positivity

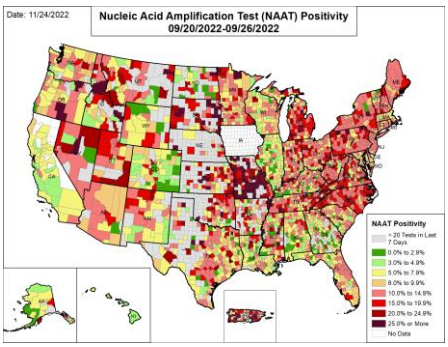
National Rank	State	National Rank	State
1	AL	27	RI
2	ME	28	FL
3	MA	29	MN
4	AR	30	OK
5	IL	31	PA
6	AK	32	TN
7	OR	33	MT
8	DC	34	NY
9	GA	35	OH
10	LA	36	WY
11	NC	37	ID
12	SC	38	ND
13	WV	39	MI
14	KY	40	IN
15	CT	41	CO
16	NH	42	KS
17	DE	43	NE
18	MD	44	NM
19	VT	45	NV
20	HI	46	PR
21	WA	47	UT
22	NJ	48	MO
23	VA	49	SD
24	TX	50	AZ
25	MS	--	CA
26	WI	--	IA

Nucleic Acid Amplification Test (NAAT) Positivity in the Week:

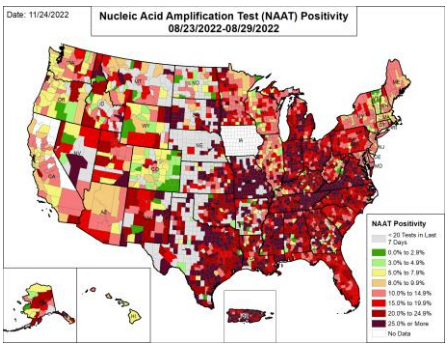
One Month Before



Two Months Before



Three Months Before



DATA SOURCES

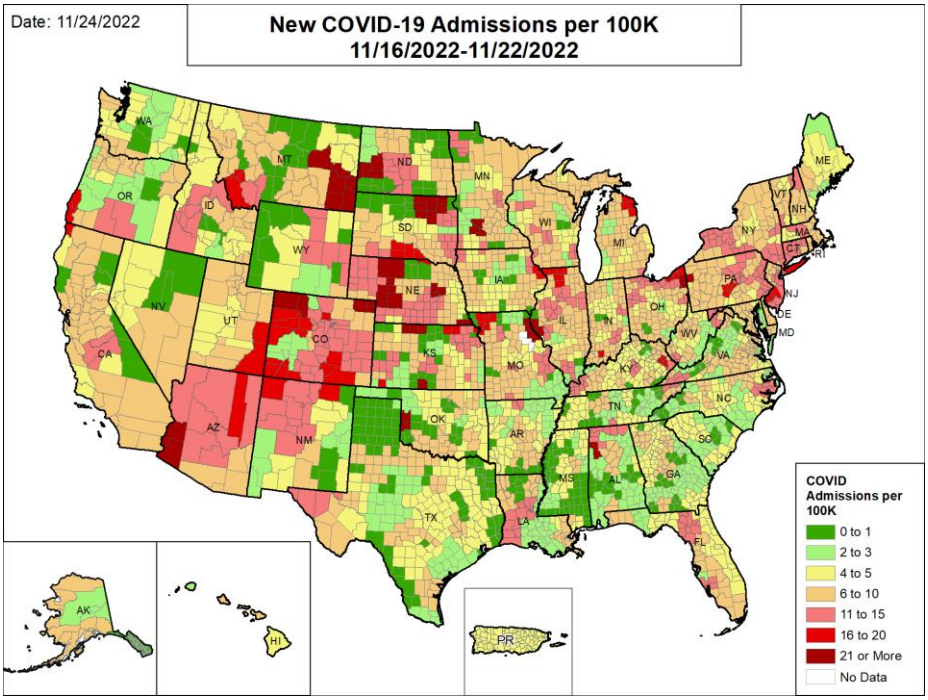
Note: Some dates may have incomplete data due to delays in reporting. Data may be backfilled over time, resulting in week-to-week changes.

Testing: CELR (COVID-19 Electronic Lab Reporting) state health department-reported data. The term Nucleic Acid Amplification Test (NAAT) includes RT-PCR and other testing methods. Data are through 11/21/2022. The week one month before is from 10/18 to 10/24; the week two months before is from 9/20 to 9/26; the week three months before is from 8/23 to 8/29. As of February 17, 2022, Iowa is no longer reporting negative test results; therefore, test volume and test positivity from this date forward is no longer presented. Due to reporting delays, California's test positivity (and test volume) may be incomplete for the last week.

METHODS: Details available on last two pages of report.

National Picture: Hospital Admissions

Confirmed New COVID-19 Admissions per 100,000

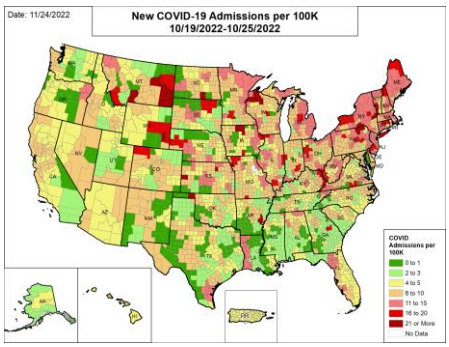


National Ranking of Confirmed Admissions Per 100,000

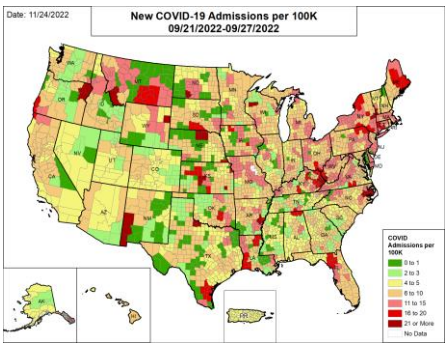
National Rank	State	National Rank	State
1	MS	27	IN
2	SC	28	NV
3	WA	29	KS
4	PR	30	DE
5	TN	31	CA
6	NC	32	UT
7	AR	33	WI
8	GA	34	ID
9	TX	35	NE
10	ME	36	MT
11	VA	37	MI
12	AK	38	MA
13	OK	39	ND
14	AL	40	MN
15	FL	41	MO
16	HI	42	PA
17	MD	43	DC
18	WV	44	IL
19	KY	45	OH
20	IA	46	SD
21	LA	47	CT
22	OR	48	NJ
23	NH	49	NM
24	WY	50	NY
25	VT	51	CO
26	RI	52	AZ

Confirmed New COVID-19 Admissions per 100,000 in the Week:

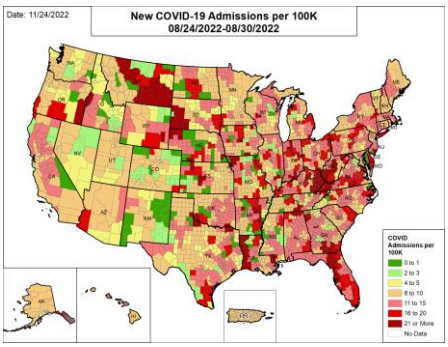
One Month Before



Two Months Before



Three Months Before

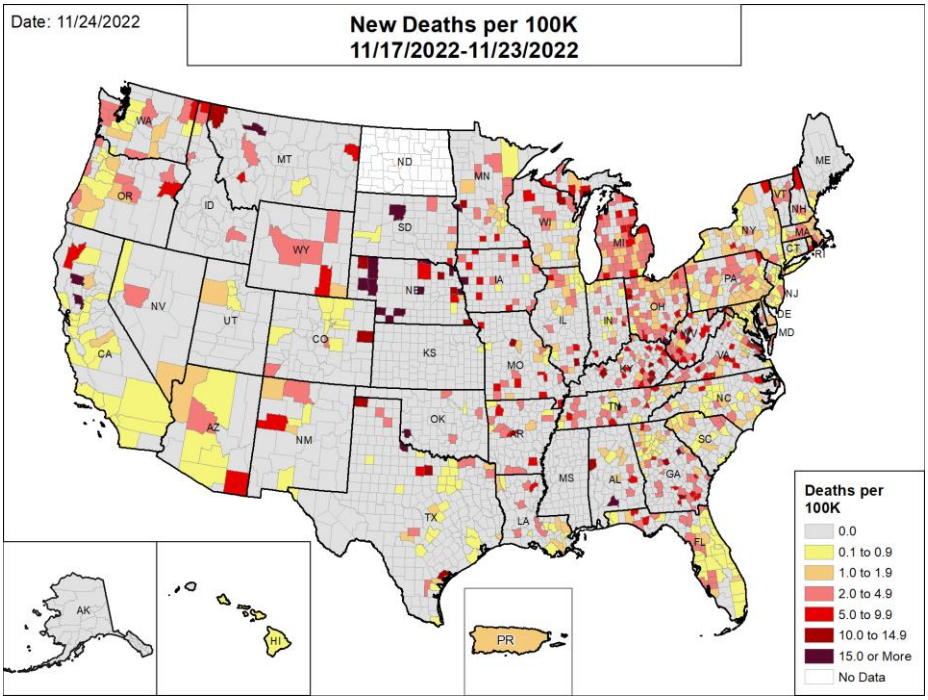


DATA SOURCES

Note: Some dates may have incomplete data due to delays in reporting. Data may be backfilled over time, resulting in week-to-week changes.
Admissions: Unified Hospitals Dataset in HHS Protect through 11/22/2022. Totals include only confirmed COVID-19 admissions. The week one month before is from 10/19 to 10/25; the week two months before is from 9/21 to 9/27; the week three months before is from 8/24 to 8/30. County data is mapped from Health Service Areas, defined as a single county or cluster of counties that are generally self contained with respect to hospital care. Hospitals are assigned to an HSA based on county of location. In some cases, reports are aggregates of multiple facilities that cross HSA boundaries; in these cases, values are assigned based on the county for the aggregate.
METHODS: Details available on last two pages of report.

National Picture: Deaths

New Deaths per 100,000

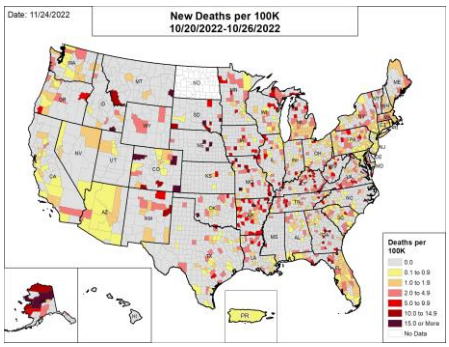


National Ranking of New Deaths per 100,000

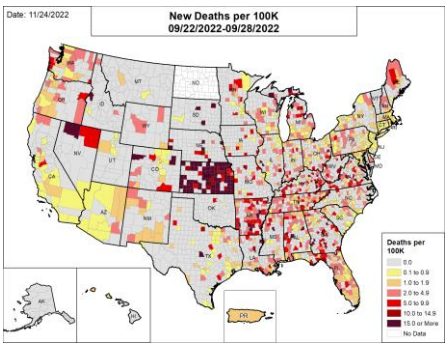
National Rank	State	National Rank	State
1	AK	27	IA
2	ND	28	NV
3	DC	29	AZ
4	MS	30	IN
5	OK	31	OR
6	KS	32	NH
7	TX	33	SD
8	ID	34	MN
9	AL	35	DE
10	CO	36	MT
11	CT	37	PR
12	UT	38	GA
13	NC	39	VA
14	ME	40	NY
15	CA	41	KY
16	WA	42	TN
17	SC	43	VT
18	AR	44	PA
19	LA	45	WY
20	IL	46	MA
21	NM	47	HI
22	WI	48	NE
23	MD	49	RI
24	MO	50	OH
25	NJ	51	WV
26	FL	52	MI

New Deaths per 100,000 in the Week:

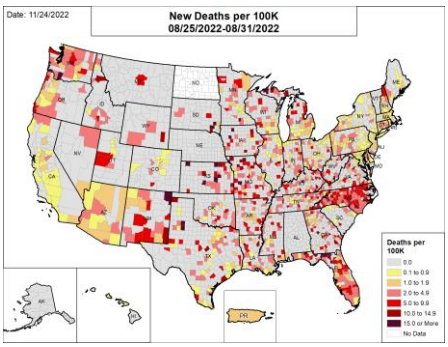
One Month Before



Two Months Before



Three Months Before



DATA SOURCES

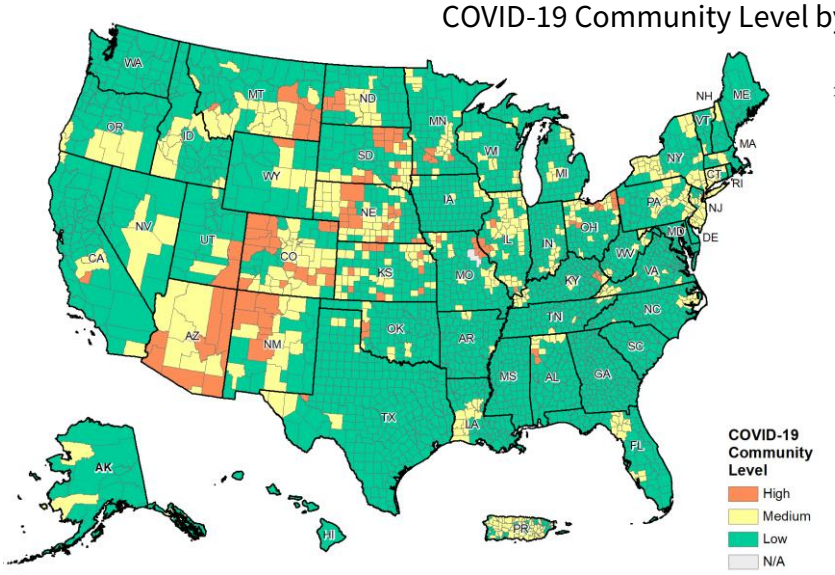
Note: Some dates may have incomplete data due to delays in reporting. Data may be backfilled over time, resulting in week-to-week changes. Some states report deaths by date of death, periodically backfilling from their data by date of report. This can result in under-estimates or fluctuations in the number of deaths reported in the last week.

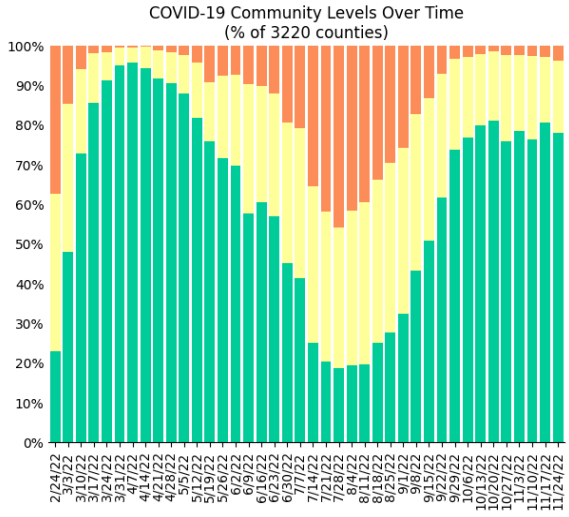
Deaths: COVID-19 case metrics at the county level are generated using a dataset managed by the CDC which is compiled from state and local health departments; this dataset is updated weekly. State values are aggregated from counties. As of 3/2/2021, Ohio changed their method of reporting COVID-19 deaths and will report deaths on the day of death, not the day of report, which could result in a fluctuation in the number of deaths from recent weeks due to delayed reporting. As of 4/7/2022, North Dakota is no longer reporting county-level deaths; therefore, county-level death counts from this date forward are no longer available. Puerto Rico is shown at the territory level as deaths are not reported at the municipio level. The week one month before is from 10/20 to 10/26; the week two months before is from 9/22 to 9/28; the week three months before is from 8/25 to 8/31. Due to a reporting cadence change, Ohio's reported deaths in the last week may be an overestimate. Due to reporting delays, Mississippi did not report deaths in the last week.

METHODS: Details available on last two pages of report.

National Picture: COVID-19 Community Level

COVID-19 Community Level by County





Counties by COVID-19 Community Level Component Metrics

<200 Cases per 100K			
Admissions per 100K	**<10.0**	**10.0 to 19.9**	**20.0+**
# of counties (change)	2,513 (↓81)	449 (↑11)	53 (↑6)
% of counties (change)	78.0% (↓2.5%)	13.9% (↑0.3%)	1.6% (↑0.2%)
COVID Inpatient Occupancy	**<10.0%**	**10.0% to 14.9%**	**15.0%+**
# of counties (change)	3,002 (↓72)	12 (↑9)	1 (↓1)
% of counties (change)	93.2% (↓2.2%)	0.4% (↑0.3%)	0.0% (↓0.0%)
200+ Cases per 100K			
Admissions per 100K		**<10.0**	**10.0+**
# of counties (change)		138 (↑41)	64 (↑23)
% of counties (change)		4.3% (↑1.3%)	2.0% (↑0.7%)
COVID Inpatient Occupancy		**<10.0%**	**10.0%+**
# of counties (change)		199 (↑61)	3 (↑3)
% of counties (change)		6.2% (↑1.9%)	0.1% (↑0.1%)

Counties by COVID-19 Community Level

Category	Low	Medium	High
# of Counties (Change)	2,508 (↓82)	590 (↑53)	119 (↑29)
% of Counties (Change)	77.9% (↓2.5%)	18.3% (↑1.6%)	3.7% (↑0.9%)

DATA SOURCES

Maps and figures reflect 7-day average of data from 11/17-11/23 (cases), 11/16-11/22 (hospital data).

Note: Most recent days may have incomplete reporting.

Cases: COVID-19 case metrics at the county level are generated using a dataset managed by the CDC which is compiled from state and local health departments; this dataset is updated weekly. Data are through 11/23/2022. Due to a reporting cadence change, Ohio's reported cases in the last week may be an overestimate. Due to reporting delays, Mississippi and Rhode Island did not report cases in the last week.

Admissions: Unified Hospitals Dataset in HHS Protect. Data are through 11/22/2022.

County Percentages: Based on a denominator of 3,220 county/county-equivalents, including states, the District of Columbia, and Puerto Rico municipios.

COVID-19 Community Levels: COVID-19 Community Level is determined by the higher of the new admissions and inpatient bed metrics, based on the current level of new cases per 100,000 population in the past 7 days. See CDC Community Levels. A county is N/A if hospital data is not available. County data is mapped from Health Service Areas, defined as a single county or cluster of counties that are generally self-contained with respect to hospital care. Previous week levels are computed based on current data.

METHODS: Details available on last two pages of report.

Data Sources & Methods

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- **Some dates may have incomplete data due to delays and/or differences in state reporting. Data may be backfilled over time, resulting in week-to-week changes between reports. It is critical that states provide as up-to-date data as possible. Figures and values may also differ from state reports due to differing methodologies. For more information, see CDC COVID Data Tracker.**
- All population values are vintage 2019 US Census data.
- Values presented as rates or percentages are rounded to the number of decimal places shown. Low rates may round to zero (0, 0.0, 0%, 0.0%) even when actual values are greater than zero.
- **Cases and Deaths:** COVID-19 case and death metrics at the county level are generated using a dataset managed by the CDC which is compiled from state and local health departments; this dataset is updated weekly. State values are aggregated from counties. Cases and deaths are generally shown by date of report. Some states periodically adjust their past data with CDC to show it by case date and death date, as determined by the state. Between adjustments, new cases and deaths continue to be shown by date of report. This can potentially lead to over-estimates of the week-on-week increases in cases or deaths. As of October 25, 2021, CDC no longer spreads aggregate COVID-19 case and death counts evenly over non-reporting days (i.e., smoothing), to avoid under-reporting of weekend averages. As of October 20, 2022, CDC transitioned the reporting cadence of COVID-19 aggregate case and death data for jurisdictions and counties from a daily cadence to a weekly cadence. As a result of this reporting change, all charts, graphs, and tables that source data from COVID-19 aggregate case and death data will be updated once a week. For additional guidance, please consult the FAQs addressing this reporting cadence change on the CDC website.
  - As of 3/2/2021, Ohio changed their method of reporting COVID-19 deaths and will report deaths on the day of death, not the day of report, which could result in a fluctuation in the number of deaths from recent weeks due to delayed reporting.
  - As of 4/7/2022, North Dakota is no longer reporting county-level deaths; therefore, county-level death counts from this date forward are no longer available.
  - Puerto Rico deaths are shown at the territory level as these are not reported at the municipio level.
  - Due to reporting delays, Mississippi did not report cases and deaths in the last week.
  - Due to a reporting cadence change, Ohio's reported cases and deaths in the last week may be an overestimate.
  - Due to reporting delays, Rhode Island did not report cases in the last week.
  - Historical reports of cases and deaths — for which backfill dates are not available — that exceed 1% of the total new cases or deaths reported in the US that day have been excluded from state daily and weekly trends. However, these are still present in county-level data. Historical reports in the last two weeks (11/10/22 – 11/23/22) are: None
- **Testing:** The data presented represent viral COVID-19 laboratory diagnostic and screening test results — not individual people — and exclude antibody and antigen tests, unless stated otherwise. The term Nucleic Acid Amplification Test (NAAT) includes RT-PCR and other testing methods, which were always included in the testing data. CELR (COVID-19 Electronic Lab Reporting) state health department-reported data are used to describe county-level viral COVID-19 NAAT result totals when information is available on patients' county of residence or healthcare providers' practice location. Because the data are deidentified, total NAATs are the number of tests performed, not the number of individuals tested. NAAT positivity rate is the number of positive tests divided by the number of tests performed and resulted. For test positivity, last week data are from 11/15 to 11/21; previous week data are from 11/8 to 11/14; the week one month before data are from 10/18 to 10/24. For number of tests, last week data are from 11/11 to 11/17; previous week data are from 11/4 to 11/10. HHS Protect data are recent as of 10:13 EST on 11/24/2022. Testing data are inclusive of everything received and processed by the CELR system as of 19:00 EST on 11/23/2022.
  - As of February 17, 2022, Iowa is no longer reporting negative test results; therefore, test volume and test positivity from this date forward is no longer presented. Due to reporting delays, California's test positivity (and test volume) may be incomplete for the last week.
- **Hospitalizations:** Unified Hospitals Dataset in HHS Protect. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals. In addition, hospitals explicitly identified by states/regions as those from which we should not expect reports were excluded from the percent reporting figure. The data presented represents raw data provided; we are working diligently with state liaisons to improve reporting consistency. Inpatient and ICU utilization is shown as a weekly rate; the weekly average of beds occupied is divided by the weekly average of total beds available. Data are recent as of 10:50 EST on 11/24/2022.
- **Shortages:** Unified Hospitals Dataset in HHS Protect. These data exclude psychiatric, rehabilitation, and religious non-medical hospitals. Low supply is defined as a hospital reporting they are not able to maintain a 3-day supply of N95s, face masks, gloves, gowns, or eye protection. Data are recent as of 10:57 EST on 11/24/2022.
- **COVID-19 Community Levels**
  - **High:** Those counties that during the last week reported 200 or more cases per 100,000 population with either a percentage of staffed inpatient beds occupied by COVID-19 patients (7-day average) at or above 10.0% or 10.0 or more admissions per 100,000 population (7-day total); or fewer than 200 cases per 100,000 population with either a percentage of staffed inpatient beds occupied by COVID-19 patients (7-day average) at or above 15.0% or 20.0 or more admissions per 100,000 population (7-day total).
  - **Medium:** Those counties that during the last week reported 200 or more cases per 100,000 population with a percentage of staffed inpatient beds occupied by COVID-19 patients (7-day average) below 10.0% and fewer than 10.0 admissions per 100,000 population (7-day total); or fewer than 200 cases per 100,000 population with a percentage of staffed inpatient beds occupied by COVID-19 patients (7-day average) between 10.0% and 14.9% and between 10.0 and 19.9 admissions per 100,000 population (7-day total).
  - **Low:** Those counties that during the last week reported fewer than 200 cases per 100,000 population with a percentage of staffed inpatient beds occupied by COVID-19 patients (7-day average) below 10.0% and fewer than 10.0 admissions per 100,000 population.
  - **N/A:** A county is N/A if hospital data is not available.
  - If the indicators suggest different levels, the higher level is selected. Previous week levels are computed based on current data. See CDC Community Levels.
- **Vaccinations:** CDC COVID Data Tracker. Data includes the Moderna, Pfizer BioNTech, J&J/Janssen, and Novavax COVID-19 vaccines. Data last updated 04:00 EST on 11/23/2022. Persons who are fully vaccinated include those who have received both doses of the Moderna, Pfizer-BioNTech, or Novavax vaccine as well as those who have received one dose of the J&J/Janssen vaccine. COVID-19 vaccines are available in the U.S. for persons 6 months of age and older. Second booster doses are authorized for persons 50 years of age or older and for the immunocompromised 12 years of age or older. Population denominators reflect the subset of the population of the corresponding age range when specified (e.g., 12+, 12-17, 18+, or 65+), otherwise the total population is used. The count of people who received a booster dose includes anyone who is fully vaccinated and has received another dose of COVID-19 vaccine since August 13, 2021. This includes people who received booster doses and people who received additional doses. CDC has capped the percent of population coverage metrics at 95.0%. These metrics could be greater than 95.0% for multiple reasons, including census denominator data not including all individuals that currently reside in the county (e.g., part time residents) or potential data reporting errors. The following states have ≤80% completeness reporting vaccinations by county, which may result in underestimates of vaccination data for counties: VA (78%), GU (76%), VT (74%), and HI (0%).
- **Variants:** Data from CDC COVID Data Tracker. Variant proportions are based on representative CDC sequence data (NS3 + CDC-funded contract sequencing) collected over a 4-week period ending October 29, 2022. For Omicron sequence surveillance at the state level, BA.2 includes all BA.2 sublineages except BA.2.12.1, and BA.4 and BA.5 each include all of their respective sublineages; and all other BA sublineages are aggregated with B.1.1.529. Proportions are calculated using empirical (unweighted) data, which are subject to change over time and will be updated as more data become available. Proportions of variants do not represent the total number that may be circulating in the United States and may not match cases reported by states, territories, tribes, and local officials. For states and jurisdictions not listed, CDC has insufficient genomic surveillance data for the specified time period. Data pulled 12:45 EST on 11/24/2022.

Data Sources & Methods

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Color threshold values are rounded before color classification

Metric	Dark Green	Light Green	Yellow	Orange	Light Red	Red	Dark Red	Darkest Red
New cases per 100,000 population per week	≤ 4	5 – 9	10 – 49	50 – 99	100 – 199	200 – 499	500 – 749	≥ 750
Percent change in new cases per 100,000 population	≤ -26%	-25% – -11%	-10% – 0%	1% – 10%	11% – 99%	100% – 999%	≥ 1000%	
Diagnostic test result positivity rate	≤ 2.9%	3.0% – 4.9%	5.0% – 7.9%	8.0% – 9.9%	10.0% – 14.9%	15.0% – 19.9%	20.0% – 24.9%	≥ 25.0%
Change in test positivity	≤ -2.1%	-2.0% – -0.6%	-0.5% – 0.0%	0.1% – 0.5%	0.6% – 2.0%		≥ 2.1%	
Total diagnostic tests resulted per 100,000 population per week	≥ 5000	3000 – 4999	2000 – 2999	1000 – 1999	500 – 999		≤ 499	
Percent change in tests per 100,000 population	≥ 26%	11% – 25%	1% – 10%	-10% – 0%	-25% – -11%		≤ -26%	
COVID-19 deaths per 100,000 population per week	0.0		0.1 – 0.9	1.0 – 1.9	2.0 – 4.9	5.0 – 9.9	10.0 – 14.9	≥ 15.0
Percent change in deaths per 100,000 population	≤ -26%	-25% – -11%	-10% – 0%	1% – 10%	11% – 25%		≥ 26%	
Confirmed new COVID-19 hospital admissions per 100,000 population per week	≤ 1.9	2.0 – 4.9	5.0 – 9.9	10.0 – 19.9	20.0 – 29.9		≥ 30.0	
Change in new COVID-19 hospital admissions per 100,000 population per week	≤ -26%	-25% – -11%	-10% – 0%	1% – 10%	11% – 25%		≥ 26%	
Percent of staffed inpatient beds occupied by COVID-19 per week	≤ 3%	4% – 7%	8% – 12%	13% – 15%	16% – 20%		≥ 21%	
Change in percent of staffed inpatient beds occupied by COVID-19	≤ -2%	-1%	0%	1%	2%		≥ 3%	
Percent of hospitals with supply shortages	≤ 9%		10% – 19%	20% – 29%	30% – 39%		≥ 40%	
Change in percent of hospitals with supply shortages	≤ -10%	-9% – -5%	-4% – 0%	1% – 4%	5% – 9%		≥ 10%	
Percent of Population Fully Vaccinated (State Level)	≤ 49.9%		50.0% – 59.9%	60.0% – 69.9%	70.0% – 79.9%		≥ 80.0%	